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TITLE : PRODUCTION OF HOT-DIPPED GALVANIZED STEEL TUBE

ABSTRACT : PURPOSE: To reduce the thickness of a galvanized layer and to provide the titled steel tube with excellent bending resistance without impairing the corrosion resistance by subjecting the starting tube to a blasting treatment into the specific surface roughness and thereafter subjecting it to a pickling treatment and hot-dipping galvanizing.

CONSTITUTION: The starting tube is subjected to a shot blasting treatment into 20~80 μ m surface roughness, is degreased at need and is subjected to a pickling treatment for about 10~30min. Said tube is successively subjected to a flux treatment by the double salt of $ZnCl_2$ and NH_4Cl_2 , etc. The tube is thereafter subjected to ordinary hot-dipping galvanizing. By this method, the titled steel tube having sufficient corrosion resistance and showing excellent bending resistance can be obtd.

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